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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

**TSS-052CP**

First Inventor

Dai

**丁健**

## Matrix Production From Animal Tissue And Its ...

Express Mail Label No.

ET 193542459 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ **Fee Transmittal Form (e.g., PTO/SB-17)**  
(Submit an original and a duplicate for processing)
2. ☒ **Applicant claims small entity status.**  
See 37 CFR 1.27.
3. ☒ **Specification** [Total Pages **14**]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ **Drawing(s) (35 U.S.C. 113)** [Total Sheets **0**]
5. **Oath or Declaration** [Total Pages **6**]
- a. ☒ **Newly executed (original or copy)**
- b. ☐ **Copy from a prior application (37 CFR 1.83 (d))**  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.83(d)(2) and 1.33(b).
6. ☒ **Application Data Sheet. See 37 CFR 1.76**

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(X)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: cover sheet with certification under 37 CFR  
1.40.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.78:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior applications No.: 09, 871,518

**Ekaterina Pavlova** *ekaterina.pavlova@univie.ac.at*

**Examiner's name**

Genom artitric n'a

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label

or ☐ Correspondence address below

Name \_\_\_\_\_

**Address**

CHV

State

Zin Code

Country

Telephone

**Fair**

Name (Print/Type)

**Ellen Leonnia**

Registration No. (Attorney/Agent)

48159

**Signature**

Ellen Leung

Date \_\_\_\_\_

11/28/01

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. (Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.**

jc955 U.S. PTO

11/28/01

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Bell
Examiner Name	
Group Art Unit	
Attorney Docket No.	TSS-052CP

TOTAL AMOUNT OF PAYMENT (\$ 469.00

**METHOD OF PAYMENT**

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
NumberDeposit  
Account  
Name☐ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status.  
See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☒ Check ☐ Credit card ☐ Money  
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	Fee Description	Fee Paid
101	740	201	370		Utility filing fee	370.00
106	330	206	165		Design filing fee	
107	510	207	255		Plant filing fee	
108	740	208	370		Reissue filing fee	
114	160	214	80		Provisional filing fee	

SUBTOTAL (1) (\$ 370.00

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
31	-20** = 11	9.00	99.00
	-3** =		
Independent Claims			
Multiple Dependent			

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	Fee Description	Fee Paid
103	18	203	9		Claims in excess of 20	
102	84	202	42		Independent claims in excess of 3	
104	280	204	140		Multiple dependent claim, if not paid	
109	84	209	42		** Reissue independent claims over original patent	
110	18	210	9		** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 99.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65			Surcharge - late filing fee or oath	
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	130	139	130			Non-English specification	
147	2,520	147	2,520			For filing a request for ex parte reexamination	
112	920*	112	920*			Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*			Requesting publication of SIR after Examiner action	
115	110	215	55			Extension for reply within first month	
116	400	216	200			Extension for reply within second month	
117	920	217	460			Extension for reply within third month	
118	1,440	218	720			Extension for reply within fourth month	
128	1,960	228	980			Extension for reply within fifth month	
119	320	219	160			Notice of Appeal	
120	320	220	160			Filing a brief in support of an appeal	
121	280	221	140			Request for oral hearing	
138	1,510	138	1,510			Petition to institute a public use proceeding	
140	110	240	55			Petition to revive - unavoidable	
141	1,280	241	640			Petition to revive - unintentional	
142	1,280	242	640			Utility issue fee (or reissue)	
143	460	243	230			Design issue fee	
144	620	244	310			Plant issue fee	
122	130	122	130			Petitions to the Commissioner	
123	50	123	50			Processing fee under 37 CFR 1.17(q)	
126	180	126	180			Submission of Information Disclosure Stmt	
581	40	581	40			Recording each patent assignment per property (times number of properties)	
146	740	246	370			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370			For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370			Request for Continued Examination (RCE)	
169	900	169	900			Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00

**SUBMITTED BY**

Name (Print/Type)	Ellen Leonnig	Registration No. (Attorney/Agent)	48159	Telephone	617-268-1616(x217)
Signature	<i>Ellen Leonnig</i>	Date	11/28/01		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Dai et al.

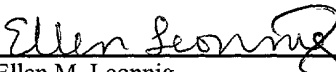
For: *EB Matrix Production From Animal Tissue And Its Use For Tissue Repair*

United States Patent and Trademark Office  
PO Box 2327  
Arlington, VA 22202

**CERTIFICATION UNDER 37 CFR §1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" in an envelope addressed to: United States Patent and Trademark Office, PO Box 2327, Arlington, VA 22202 on the date set forth below.

November 28, 2001  
Date of Signature and of Mail Deposit  
ET193542959US  
Express Mail Label Number

  
By: Ellen M. Leonnig  
Attorney for Applicant(s)

**NEW UTILITY PATENT APPLICATION**  
**COVER SHEET**

Dear Sir:

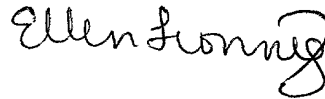
The accompanying application, entitled "*EB Matrix Production From Animal Tissue And Its Use For Tissue Repair*," is a nonprovisional patent application filed under 35 U.S.C. §111(a) by the procedure set forth in 37 CFR §§1.51(b) and 1.53(b).

1. The names and addresses of the inventors for this application are as follows:

Last Name	First Name	Middle Initial	Residence
Dai	Jianwu		45B Smith Street, Boston, MA
Bell	Eugene		305 Commonwealth Avenue, Boston, MA
Russakovsky	Vladimir		5337 Washington Street, Unit C, Boston, MA

2. The following documents are enclosed:
  - 9 page(s) of specification;
  - 4 page(s) of claims;
  - 1 page(s) of abstract; and
  - 6 page(s) of declaration and power of attorney.
3. The fee for filing this non-provisional application, as set forth in 37 CFR §1.16(a) (\$370.00 for basic fee for a small-entity) and 37 CFR §1.16(c) (\$99.00 for eleven claims exceeding 20 claims), is \$469.00.
4. A check in the amount of **\$469.00** is enclosed for payment of the filing fee.
5. Please address all future communications to Ellen M. Leonnig at Customer Number **29969**.

Respectfully submitted,



Ellen M. Leonnig  
Reg. No. **48159**  
Attorney for Applicant(s)

7 Elkins Street  
Boston, MA 02127  
Tel. (617) 268-1616 (ext. 217)